Time Stamp	2006/12/05 17:02	2006/12/05 16:42	2006/12/06 12:02	2006/12/05 16:43	2006/12/05 17:27
Plurals	OFF	FFO	NO	NO	NO
Default Operator	A S	Ж	S.	g.	g.
DBs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
s Search Query	(optic\$3-electric\$3 or opto-electric\$3 or o/e or (optic\$3 near2 electric\$3) or (opto near2 electric\$3) or optic-electric\$3) with (conver\$4)	((optic\$3-electric\$3 or opto-electric\$3 or o/e or (optic\$3 near2 electric\$3) or (opto near2 electric\$3) or optic-electric\$3) with (conver\$4 near2 circuit))	((optic\$3-electric\$3 or opto-electric\$3 or o/e or (optic\$3 near2 electric\$3) or (opto near2 electric\$3) or optic-electric\$3) with (conver\$4 near2 circuit))	((optic\$3-electric\$3 or opto-electric\$3 or o/e or (optic\$3 near2 electric\$3) or (opto near2 electric\$3) or optic-electric\$3) with (conver\$4 near2 circuit)) same modulat\$3	2 S54 and @ad<"20031011"
Hits	26562	1080	1180	. 116	102
Ref #	S51	S52	S53	S54	S55

ON 2006/12/05 16:51		ON 2006/12/05 16:54	OFF 2006/12/05 16:54	OFF 2006/12/05 16:55	OFF 2006/12/05 16:55	OFF 2006/12/05 17:00	OFF 2006/12/05 17:03	OFF 2006/12/05 17:03
SO.		OR .	OR	S.	OR	S S	S.	K
US-PGPUB; USPAT; USOCR;	FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT	US-PGPUB; USPAT; USOCR	USPAT	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;
(txpic and rxpic)		S56 and @ad<"20031011"	. ("6735731").PN.	("5228042" "5781682" "6012855" "6201829").PN. OR ("6735731").URPN.	("5448661").PN.	("5202940" "5253094").PN. OR ("5448661").URPN.	S51 and (((transmission or transmit\$4) near2 (chip or unit or circuit)) same ((receiv\$4 or reception or detect\$3) near2 (chip or unit or circuit)))	S62 and modulat\$3
101		25	-	ľ	1	13	1811	835
S56		. 557	828		098	S61	295	S63

864	251	S62 and (modulat\$3 with ((electronic or electric\$3) near2 signal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SO.	OFF	2006/12/05 17:03
S65	190	S64 and @ad<"20031011"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	8	NO	2006/12/05 17:04
995	0	("2003/0138256").URPN.	USPAT	OR S	OFF	2006/12/05 17:05
292	467	(((photonic near2 band-gap) or (photonic near2 bandgap) or pbg) with (crystal or crystalline)) and ((detector or photodetector or photodiode or receiver or receiving))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8	<u>N</u>	2006/12/05 17:26
898	467	(((photonic near2 band-gap) or (photonic near2 bandgap) or pbg) with (crystal or crystalline)) and ((detector or photodetector or photodiode or receiver or receiving))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	g .	N O	2006/12/05 17:26
	467	(((photonic near2 band-gap) or (photonic near2 bandgap) or pbg) with (crystal or crystalline)) and ((detector or photodetector or photodiode or receiver or receiving))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	æ	NO O	2006/12/05 17:26

EAST Search History

220	7	(photonic near2 (crystal or crystalline)) and ((demodulator or de-modulator or de-coder) with (detector or photodetector or photodiode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	RO	NO .	2006/12/05 17:26
571	263	S67 and @ad<"20031011"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	S. S	NO .	2006/12/05 17:41
272	517	(first near2 (circuit or unit or chip)) and ((electric\$3 near2 signal) with modulat\$3) and (modulators) and (optic\$3 near2 signal) and (photo-diode or photodiode or photodetect\$3 or photodetect\$3 or detector\$3 or receiv\$3 or reception) and (second near2 (circuit or unit or chip)) and (process\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	. R	N _O	2006/12/05 17:38
S73	386	S72 and @ad<"20031011"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	S.	NO	2006/12/05 17:41
S74	13	("4290146" "4295094" "4533857" "4810891" "4838032" "4905309" "4929842" "5119132").PN. OR ("5453866").URPN.	US-PGPUB; USPAT; USOCR	S S	OFF.	2006/12/05 17:50
S75	12	("4402090" "4434510").PN. OR ("4905309").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF.	2006/12/05 17:51
S76	-	("5448661").PN.	USPAT	OR	OFF	2006/12/06 12:02
277	H	S76 and (modulat\$3)	USPAT	OR	OFF	2006/12/06 12:04
828	0	10/684,278	USPAT	OR	OFF	2006/12/06 12:04

12/6/06 4:28:03 PM C:\Documents and Settings\mconnellycushwa\My Documents\EAST\Workspaces\10684278.wsp

2006/12/06 12:04	2006/12/06 12:16	2006/12/06 12:16	2006/12/06 12:33	2006/12/06 12:34	2006/12/06 12:33	2006/12/06 12:35	2006/12/06 12:39
OFF	OFF	OFF	OFF	NO	NO .	NO	NO
S.	S.	OR	OR	SO.	SO.	S.	OR
US-PGPUB; USPAT	US-PGPUB; USPAT	USPAT	USPAT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
2 10/684,278	2 S79 and modulators	1 ("6735731").PN.	0 S81 and modulat\$3	7 (laser near2 array) same ((modulat\$3 near2 array) with (electric\$3 near2 signal))	(laser near2 array) same ((modulat\$3 near2 array) with (electronic near2 signal))	((laser or transmit\$4 or transmission or transceiv\$3) near2 (array or plurality)) with (modulat\$3)	(((laser or transmit\$4 or transmission or transceiv\$3) near2 (array or plurality)) with (modulat\$3)) same ((electric\$3 or electronic) near2 (control\$4))
2	7	1	0	7	O .	7062	29
62S	280	S81	S82	83	S84	285	988

2006/12/06 12:36	2006/12/06 12:42	2006/12/06 12:41	2006/12/06 12:42	2006/12/06 12:47	2006/12/06 12:45
8 6	NO O	PFI	NO O	NO .	OFF
K	S.	S R	S S	8	Ö.
US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	USPAT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
(((laser or transmit\$4 or fransmission or transceiv\$3) near2 (array or plurality)) with (modulat\$3)) same ((electric\$3 or electronic or electrically) near2 (control\$4))	(((laser or transmit\$4 or transmission or transceiv\$3) near2 (array or plurality)) with (modulat\$3) and ((detect\$3 or photodetect\$3 or photo-detect\$3 or receiv\$3) near2 (array or plurality))	S87 not S86	S88 and (chip or circuit)	S90 and @ad<"20031011"	((398/128) or (398/129) or (398/130) or (398/131)).CCLS.
99	2957	æ	2249	1670	684
	88	888	068	S91	

2006/12/06 12:45	2006/12/06 12:45	2006/12/06 12:46	2006/12/06 12:47	2006/12/06 12:48
F0	9-F	T O	<u>N</u>	NO
ర	8	8	8	SO .
US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB				
			·	
).cals.	cals.	3 or S94	S91 and modulat\$3	S96 and modulat\$3
100 (398/156).CCLS.	(398/164).CCL.S.	S92 or S93 or S94	S91 and r	S96 and r
100	286	1009	1670	559
893	594	965	265	868

110 ("3573459" "4022647" "4612670" "4614873" "4626878" US-PGPUB; OR ("4776659" "5028110").PN. OR ("5093879").URPN. USPAT; USOCR USPAT; USOCR "5073041" "4614873" "4903340" "4906197" "4915466" US-PGPUB; OR "5073041" "5073041" "5133032" "5134508" "5202567" "5212754" USPAT; USOCR "5241612").PN. OR ("5475215").URPN. USPAT; USPAT; USPAT; USCR USPAT; USPAT; USPAT; USCR USCR	2006/12/06 13:05	2006/12/06 13:07	2006/12/06 13:16	2006/12/06 13:16	2006/12/06 13:16
110 ("3573459" "4022647" "4532219" "4612670" "4614873" "4626878" US-PGPUB; "4776659" "5028110").PN. OR ("5093879").URPN. 25 ("4232219" "4614873" "4890894" "4903340" "4906197" "4915466" "5073041" "5093879" "5133032" "5134508" "5202567" "5212754" "5241612").PN. OR ("5475215").URPN. 13 ("4063083" "4612670" "4695120" "4720634" "4892376" "5008554").PN. 192 (architecture with (interconnect\$4 near2 (circuit))) 193 (architecture with (interconnect\$4 near2 (circuit))) 194 (architecture with (interconnect\$4 near2 (circuit))) 195 (architecture with (interconnect\$4 near2 (circuit))) 196 (architecture with (interconnect\$4 near2 (circuit)))	0FF	OFF	OFF	OFF	N O
110 ("3573459" "4022647" "4232219" "4612670" "4614873" "4626878" "4776659" "5028110").PN. OR ("5093879").URPN. 25 ("4232219" "4614873" "4890894" "4903340" "4906197" "4915466" "5073041" "5093879" "5133032" "5134508" "5202567" "5212754" "5241612").PN. OR ("5475215").URPN. 13 ("4063083" "4612670" "4695120" "4720634" "4892376" "5008554").PN. OR ("5202567").URPN. 192 (architecture with (interconnect\$4 near2 (circuit))) 300 (architecture with (interconnect\$4 near2 (circuit)))	S .	8	8 8	S S	S S
	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR	US-PGPUB; USPAT; USOCR
S10 0 0 1 1 2 2 S10 3	110 ("3573459" "4022647" "4232219" "4612670" "4614873" "4626878" "4776659" "5028110").PN. OR ("5093879").URPN.		13 ("4063083" "4612670" "4695120" "4720634" "4892376" "5008554").PN. OR ("5202567").URPN.	(architecture with (interconnect\$4 near2 (circuit)))	
	66S	S10 0	S10 1	S10 2	S10 3